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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/672,665

DATE: 02/06/2002

TIME: 07:23:50

Input Set : A:\Cura-721.app

Output Set: N:\CRF3\02062002\I672665.raw

ENTERED

3 <110> APPLICANT: Prayaga, Sudhirdas K
4 Vernet, Corine
5 Shimkets, Richard A
6 Burgess, Catherine E
7 Spytek, Kimberly A
9 <120> TITLE OF INVENTION: Novel Polynucleotides and Polypeptides Encoded Thereby
11 <130> FILE REFERENCE: 15966-72, 76, 76A, 80, 112
13 <140> CURRENT APPLICATION NUMBER: 09/672,665
14 <141> CURRENT FILING DATE: 2000-09-28
16 <150> PRIOR APPLICATION NUMBER: 60/156,745
17 <151> PRIOR FILING DATE: 1999-09-30
19 <150> PRIOR APPLICATION NUMBER: 60/158,942
20 <151> PRIOR FILING DATE: 1999-10-06
22 <150> PRIOR APPLICATION NUMBER: 60/159,248
23 <151> PRIOR FILING DATE: 1999-10-13
25 <150> PRIOR APPLICATION NUMBER: 60/169,344
26 <151> PRIOR FILING DATE: 1999-12-06
28 <150> PRIOR APPLICATION NUMBER: 60/215,048
29 <151> PRIOR FILING DATE: 2000-06-29
31 <160> NUMBER OF SEQ ID NOS: 32
33 <170> SOFTWARE: PatentIn Ver. 2.0
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 327
37 <212> TYPE: DNA
38 <213> ORGANISM: Homo sapiens
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42 aaggaagtgtg tgaaagagggc ggaaaatgga agagacgccc ctgctaacgg gaatgcta 120
43 gaggaataatg gggagcagga ggctgacaag gaggtagatg aagaagggga agaaagtggg 180
44 gaggaagagg aggaggaaaa agaaggtgat ggtgaggaag aggatggaga tgaagaggaa 240
45 gctgagtctg ctacaggcaa gcgggcagct gaagatgatg aggatgatga tgtcgatacc 300
46 aagaagcaga agaccgacaa ggtatgac 327
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49 <211> LENGTH: 109
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 2
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55 1 5 10 15
57 Leu Lys Glu Lys Lys Glu Val Val Lys Glu Ala Glu Asn Gly Arg Asp
58 20 25 30
60 Ala Pro Ala Asn Gly Asn Ala Asn Glu Glu Asn Gly Glu Gln Glu Ala
61 35 40 45

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63 Asp Lys Glu Val Asp Glu Glu Gly Glu Glu Ser Gly Glu Glu Glu Glu
64      50                      55                      60
66 Glu Glu Lys Glu Gly Asp Gly Glu Glu Glu Asp Gly Asp Glu Glu Glu
67 65                      70                      75                      80
69 Ala Glu Ser Ala Thr Gly Lys Arg Ala Ala Glu Asp Asp Glu Asp Asp
70                      85                      90                      95
72 Asp Val Asp Thr Lys Lys Gln Lys Thr Asp Lys Asp Asp
73      100                      105
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77 <211> LENGTH: 555
78 <212> TYPE: DNA
79 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 3
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83 aaggaagttg tggaagaggg ggaatgga agagacgccc ctgctcacgg gaatgctaata 120
84 gaggaagaatg gggagccgga ggctgacaac gaggtagatg aagaagagga agaaggtggg 180
85 gaggaagaag gtgatggtga ggaagaggat ggagatgaag atgagggagc tgagtcagct 240
86 acgggcaagc gggcagctga agatgatgag gataacgatg tcgataccca gaagcagaag 300
87 accgacgagg atgaccagac ggcaaaaaag gaaaagttaa actaaaaaaa aaggccgccc 360
88 tgacctattc accctccact tcccgtctca gaatctaaac gtggtcacct tcgagtagag 420
89 gggccccgcc gccaccgtg ggcagtgcc cccgcagatg acacgcgctc tccaccaccc 480
90 aacccaaacc atgagaattt gcaacagggg agggaaaaag aacccaaaact tccaaggccc 540
91 tgcttttttt tttttt 555
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94 <211> LENGTH: 114
95 <212> TYPE: PRT
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 4
99 Met Ser Asp Ala Ala Val Asp Thr Ser Ser Glu Ile Thr Thr Glu Asp
100 1                      5                      10                      15
102 Leu Lys Glu Lys Lys Glu Val Val Glu Glu Ala Glu Asn Gly Arg Asp
103      20                      25                      30
105 Ala Pro Ala His Gly Asn Ala Asn Glu Glu Asn Gly Glu Pro Glu Ala
106      35                      40                      45
108 Asp Asn Glu Val Asp Glu Glu Glu Glu Glu Gly Gly Glu Glu Glu Gly
109      50                      55                      60
111 Asp Gly Glu Glu Glu Asp Gly Asp Glu Asp Glu Gly Ala Glu Ser Ala
112 65                      70                      75                      80
114 Thr Gly Lys Arg Ala Ala Glu Asp Asp Glu Asp Asn Asp Val Asp Thr
115      85                      90                      95
117 Gln Lys Gln Lys Thr Asp Glu Asp Asp Gln Thr Ala Lys Lys Glu Lys
118      100                      105                      110
120 Leu Asn
124 <210> SEQ ID NO: 5
125 <211> LENGTH: 675
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 5
130 tgaactctcg ctttcttttt aatcccctgc atcggtacac cggcgtgccc caccatgtca 60

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131 gacgcagccg tagacaccag ctccgaaatc accaacaagg acttaaagga gaagaaggaa 120
132 gttgtggaag aggcagaaaa tggaagagac gcccctgcta acgggaatgc taatgaggaa 180
133 aatggggagc aggaggctga caatgaggta gacgaagaag aggaagaagg tggggaggaa 240
134 gaaggtgatg gtgaggaaga ggatggagat gaagatgagg aagctgagtc agctacgggc 300
135 aagcgggcag ctgaagatga tgaggataac gatgtcgata ccaagaagca gaagaccgac 360
136 gaggatgacc agacggcaaa aaaggaaaag ttaaaactaaa aaaaaaaaag gccgccgtga 420
137 cctattcacc ctccacttcc cgtctcagaa tctaaacgtg gtcaccttcg agtagagagg 480
138 cccgcccgcc caccgtgggc agtgccaccc gcagatgaca cgcgctctcc accacccaac 540
139 ccaaaccatg agaatttgca acaggggagg aaaaaagaac caaaacttcc aaggcctgct 600
140 ttttttctta aaagtacttt aaaaaggaaa tttgtttgta ttttttattt ccattttata 660
141 tttttgtaca tattg 675

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143 <210> SEQ ID NO: 6

144 <211> LENGTH: 114

145 <212> TYPE: PRT

146 <213> ORGANISM: Homo sapiens

148 <400> SEQUENCE: 6

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149 Met Ser Asp Ala Ala Val Asp Thr Ser Ser Glu Ile Thr Asn Lys Asp
150 1 5 10 15
152 Leu Lys Glu Lys Lys Glu Val Val Glu Ala Glu Asn Gly Arg Asp
153 20 25 30
155 Ala Pro Ala Asn Gly Asn Ala Asn Glu Glu Asn Gly Glu Gln Glu Ala
156 35 40 45
158 Asp Asn Glu Val Asp Glu Glu Glu Glu Glu Gly Gly Glu Glu Glu Gly
159 50 55 60
161 Asp Gly Glu Glu Glu Asp Gly Asp Glu Asp Glu Glu Ala Glu Ser Ala
162 65 70 75 80
164 Thr Gly Lys Arg Ala Ala Glu Asp Asp Glu Asp Asn Asp Val Asp Thr
165 85 90 95
167 Lys Lys Gln Lys Thr Asp Glu Asp Asp Gln Thr Ala Lys Lys Glu Lys
168 100 105 110
170 Leu Asn

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174 <210> SEQ ID NO: 7

175 <211> LENGTH: 345

176 <212> TYPE: DNA

177 <213> ORGANISM: Homo sapiens

179 <400> SEQUENCE: 7

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180 atgtcagacg cagccgtaga caccagctcc gaaatcacca ccgaggactt aaaggagaag 60
181 aaggaagttg tggaagaggc ggaaaatgga agagacgccc ctgctcacgg gaatgctaata 120
182 gaggaataatg gggagccgga ggctgacaac gaggtagatg aagaagagga agaaggtggg 180
183 gaggaagaag gtgatggatg ggaagaggat ggagatgaag atgagggagc tgagtcagct 240
184 acggggcaagc gggcagctga agatgatgag gatgacgatg tcgataccca gaagcagaag 300
185 accgacgagg atgaccagac agcaaaaaag gaaaagttaa actaa 345

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187 <210> SEQ ID NO: 8

188 <211> LENGTH: 114

189 <212> TYPE: PRT

190 <213> ORGANISM: Homo sapiens

192 <400> SEQUENCE: 8

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193 Met Ser Asp Ala Ala Val Asp Thr Ser Ser Glu Ile Thr Thr Glu Asp
194 1 5 10 15

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196 Leu Lys Glu Lys Lys Glu Val Val Glu Glu Ala Glu Asn Gly Arg Asp
197           20           25           30
199 Ala Pro Ala His Gly Asn Ala Asn Glu Glu Asn Gly Glu Pro Glu Ala
200           35           40           45
202 Asp Asn Glu Val Asp Glu Glu Glu Glu Glu Gly Gly Glu Glu Glu Gly
203           50           55           60
205 Asp Gly Glu Glu Glu Asp Gly Asp Glu Asp Glu Gly Ala Glu Ser Ala
206 65           70           75           80
208 Thr Gly Lys Arg Ala Ala Glu Asp Asp Glu Asp Asp Asp Val Asp Thr
209           85           90           95
211 Gln Lys Gln Lys Thr Asp Glu Asp Asp Gln Thr Ala Lys Lys Glu Lys
212           100          105          110
214 Leu Asn
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219 <211> LENGTH: 501
220 <212> TYPE: DNA
221 <213> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 9
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225 acttcatcac cacagtccct gaactctcgc ttctctttta atcccctgca tcggatcact 120
226 ggtgtgcccg accatgtcag acgcagccgt agacaccagc tccgaaatca ccaccaagga 180
227 cttaaagaag aaggaagctg tggaggaagc ggaaaatgga agagacacc ctgctaattg 240
228 gaaggctaag gaggaaatg gggagcagga agctgacaat gaagtagatg aagaagagga 300
229 agaaggtggg gaggaagacg aggaggaaga agaaggcgat ggtgaggaag aggatggtga 360
230 tgaagacgag gaagctgagt ccgctacggt caagcgggca gctgaagatg atgagaatga 420
231 tgatgcctat accaagaagc agaagaccaa caaggatgac tagacagcaa aaaaggaaat 480
232 gttaggaggg tgacctattc a                    501
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235 <211> LENGTH: 109
236 <212> TYPE: PRT
237 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 10
240 Met Ser Asp Ala Ala Val Asp Thr Ser Ser Glu Ile Thr Thr Lys Asp
241 1           5           10           15
243 Leu Lys Lys Lys Glu Ala Val Glu Glu Ala Glu Asn Gly Arg Asp Thr
244           20           25           30
246 Pro Ala Asn Gly Lys Ala Asn Glu Glu Asn Gly Glu Gln Glu Ala Asp
247           35           40           45
249 Asn Glu Val Asp Glu Glu Glu Glu Glu Gly Gly Glu Glu Asp Glu Glu
250 50           55           60
252 Glu Glu Glu Gly Asp Gly Glu Glu Glu Asp Gly Asp Glu Asp Glu Glu
253 65           70           75           80
255 Ala Glu Ser Ala Thr Val Lys Arg Ala Ala Glu Asp Asp Glu Asn Asp
256           85           90           95
258 Asp Ala Tyr Thr Lys Lys Gln Lys Thr Asn Lys Asp Asp
259           100          105
262 <210> SEQ ID NO: 11
263 <211> LENGTH: 342
264 <212> TYPE: DNA

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265 <213> ORGANISM: Homo sapiens

267 <400> SEQUENCE: 11

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268 atgtcagacg cagccgtaga caccagctcc gaaatcacca ccgaggactt aaaggagaag 60
269 aaggaagtgt tggaagaggc ggaaaatgga agagacgccc ctgctcacgg gaatgctaata 120
270 gaggaataat gggagccgga ggctgacaac gaggtagatg aagaagagga agaaggtggg 180
271 gaggaagaag gtgatggtga ggaagaggat ggagatgaag atgagggagc tgagtcagct 240
272 acgggcaagc gggcagctga agatgatgag gataacgatg tcgataccca gaagcagaag 300
273 accgacgagg atgaccagac ggcaaaaaag gaaaagttaa ac 342

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275 <210> SEQ ID NO: 12

276 <211> LENGTH: 114

277 <212> TYPE: PRT

278 <213> ORGANISM: Homo sapiens

280 <400> SEQUENCE: 12

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281 Met Ser Asp Ala Ala Val Asp Thr Ser Ser Glu Ile Thr Thr Glu Asp
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284 Leu Lys Glu Lys Lys Glu Val Val Glu Glu Ala Glu Asn Gly Arg Asp
285           20           25           30
287 Ala Pro Ala His Gly Asn Ala Asn Glu Glu Asn Gly Glu Pro Glu Ala
288           35           40           45
290 Asp Asn Glu Val Asp Glu Glu Glu Glu Glu Gly Glu Glu Glu Gly
291           50           55           60
293 Asp Gly Glu Glu Glu Asp Gly Asp Glu Asp Glu Gly Ala Glu Ser Ala
294           65           70           75           80
296 Thr Gly Lys Arg Ala Ala Glu Asp Asp Glu Asp Asn Asp Val Asp Thr
297           85           90           95
299 Gln Lys Gln Lys Thr Asp Glu Asp Asp Gln Thr Ala Lys Lys Glu Lys
300           100          105          110
302 Leu Asn

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306 <210> SEQ ID NO: 13

307 <211> LENGTH: 324

308 <212> TYPE: DNA

309 <213> ORGANISM: Homo sapiens

311 <400> SEQUENCE: 13

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312 atgagctccg ccagccgggt ttgcgccctt caggcccccg ggttggtgtt cctgggggtt 60
313 gtgctccttt cctccctc gtcctctctt accctctcca tttccccctc agctgaagct 120
314 gaagaagatg gggacctgca gtgcctgtgt gtgaagacca cctcccaggt ccgtcccagg 180
315 cacatcacca gcctggaggt gatcaaggcc ggacccccact gccccactgc ccaactgatg 240
316 gccacgctga agaattggaag gaaaatttgc ttggacctgc aagccccgct gtacaagaaa 300
317 aggattaaga aacttttgaa gagt 324

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319 <210> SEQ ID NO: 14

320 <211> LENGTH: 108

321 <212> TYPE: PRT

322 <213> ORGANISM: Homo sapiens

324 <400> SEQUENCE: 14

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325 Met Ser Ser Ala Ser Arg Val Leu Arg Leu Gln Ala Pro Gly Leu Val
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328 Phe Leu Gly Leu Val Leu Leu Ser Leu Pro Ser Ser Ser Leu Thr Leu
329           20           25           30
331 Ser Ile Ser Pro Ser Ala Glu Ala Glu Glu Asp Gly Asp Leu Gln Cys

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VERIFICATION SUMMARY

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